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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/636,044

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Patrick Chiu

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FLIESLER MEYER LLP
650 CALIFORNIA STREET
14TH FLOOR
SAN FRANCISCO, CA 94108

EXAMINER

AUGUSTINE, NICHOLAS

ART UNIT

PAPER NUMBER

2179

NOTIFICATION DATE

DELIVERY MODE

04/14/2011

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

OFFICEACTIONS@FDML.COM

Office Action Summary	Application No. 10/636,044	Applicant(s) CHIU ET AL.	
	Examiner NICHOLAS AUGUSTINE	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02/07/2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,9,10,13,14,18,21,24,27-31 and 33-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6,9,10,13,14,18,21,24,27-31 and 33-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

- A. This action is in response to the following communications: Amendment filed: 02/07/2011. This action is made **Final**.
- B. Claims 1-6, 9-10, 13-14, 18, 21, 24, 27-31 and 33-43 remain pending.
- C. 35 USC 112 rejection is withdrawn due to amendment to claims 1, 27, 28 and 30 which amended the terms third content and third display device to have proper antecedent basis.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-6, 9-10, 13-14, 18, 21, 24, 27-31 and 33-43 are rejected under 35 U.S.C. 103(a) as being unpatentable over Radley-Smith, Philip John (US Pub. 2003/0030595), herein referred to as "Radley-Smith" in view of Radley-Smith, Philip John (US Pat. 7,152,989 B2), herein referred to as "Radley-Smith 2"

As for claims 1, 5, 13, 31 and 43, Radley-Smith teaches a system and corresponding method, and computer readable medium for providing a sequence of content in a modular presentation system, comprising:

a plurality display devices, wherein each display device neighbors at least one other display device and at least three of the plurality of display devices are in visual proximity to each other (fig.1; par.33,77);

an input device that receives input of a gesture to move a first content from a first display device of the plurality of display devices to a second display device (*par.29,33,38; wherein content can be displayed across the plurality of display devices and moved across all connected displays (bracelet)*);

wherein a second content of the second display device is moved from the second display device of the plurality of display devices to a third display device, wherein a propagation order of the third content followed by the second content followed by the first content represents the sequence (*par.77,81, 86-89 depicts the bracelet folded out wherein content is displayed across all display panels wherein for example in figure 6 the user can use touch controls to gesture the displayed graphics on the devices for interaction with a game*); and

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wherein the processor corresponding to the first display device (par.77) interprets a direction to move the first content from the first display device based on the gesture, wherein the gesture is made with a flick which indicates content to be moved and a direction without designating a destination display device (par. 33,77,81,86), determines the destination display device to which the first content is to be moved, based on the direction indicated by the gesture (par.81) and the position of the plurality of display devices, wherein the destination display device is the second display device, establishes a peer-to-peer connection (par.90,95; display segments are linked in that they share information across all segments of the bracelet) between the first display device and second display device, and that propagates the first content of the first display device to the second display device using the peer-to-peer connection (par.33,77,81,86; wherein content can be displayed to the user across multiple display devices wherein the user can interact with the displayed graphics through use of the touch panels to display graphics across all panels of the bracelet such that content can be scrolled/cycled through);

and that propagates the second content of the second display device to the third display device wherein the third display device is determined based on the direction indicated by the gesture, wherein initiating the gesture changes the content displayed on all of the first display device, the second display device and the third display device, (par.33,77,81,86-89; wherein the bracelet is made up of multiple display panels that allow content to be scrolled through starting from one panel and end up being displayed at the end panel, as explained in the game station example; wherein shared information

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is displayed across all segments of the bracelet; other examples (fig.9 or 10) show the user scrolling controls to scroll readable content across more than one segment).

Radley-Smith does not specifically teach “wherein each display device includes a corresponding plurality of a processor and memory system to control each corresponding display device; however in the same field of endeavor Radley-Smith 2 does teach this limitation in column 3, lines 35-42.

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine Radley-Smith 2 into Radley-Smith, this true because Radley-Smith and Radley-Smith 2 are of the same inventive entity and disclose similar inventions, segmented display bracelet.

As for claim 2, Radley-Smith teaches. The system of claim 1 wherein each of the plurality of display devices is configured to:
receive new content identification information;
transmit old content identification information; and present content associated with the new content identification information (par.77-78; content is displayed across the multiple display panels as explained in the example in par.83).

As for claim 3, Radley-Smith teaches. The system of claim 2 wherein new content identification
information is received from a processor associated with a neighboring display device in

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the reverse propagation direction, the old content identification information is transmitted to a processor associated with a neighboring display device in the forward propagation direction, the forward propagation direction derived from the gesture input (par.77, 83,86).

As for claim 4, Radley-Smith teaches. The system of claim 2 wherein receiving new content

identification information includes:

retrieving new content identification information from a memory stack (par.6, 81).

As for claim 6, Radley-Smith teaches. The method of claim 5 wherein receiving gesture input includes:

receiving input on a touch screen display (par.33,77).

As for claim 9, Radley-Smith teaches. The method of claim 5 wherein presenting the second content at

the third display device includes retrieving a second URL and sending the second URL to the third display device (par.81-83; IPU sends display information across entire bracelet (multiple segments)).

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As for claim 10, Radley-Smith teaches. The method of claim 5 wherein presenting the first content at the second display device includes sending a first URL to the second display device (par.81-83; IPU sends display information across entire bracelet (multiple segments)).

As for claim 14, Radley-Smith teaches. The computer readable medium of claim 13 wherein receiving input of the gesture includes:
receiving input on a touch screen display (par.33,77).

As for claim 18, Radley-Smith teaches. The computer readable medium of claim 13 wherein presenting the first content at the second display device includes sending a first URL to the second display device (par.81-83; IPU sends display information across entire bracelet (multiple segments)).

As for claim 21, Radley-Smith teaches. The system of claim 1, wherein the content of the third display device is automatically propagated on another display device in the plurality of display devices (par.83-86).

As for claim 24, Radley-Smith teaches. The method of claim 5, wherein the content of the third display device is automatically presented to another display device in the

plurality of display devices (par.83-86).

As for claim 27, Radley-Smith teaches. The computer readable medium of claim 13, wherein the instructions further provide for the second content of the second display device to be automatically presented to a third display device in the plurality of devices (par.83-86).

As for claim 28, Radley-Smith teaches. The computer readable medium of claim 13, wherein the instructions further provide that a third display device is in visual proximity to both the first display device and the second display device (fig.1-3; wherein depicted are more than 3 display devices; par.74-77).

As for claim 29, Radley-Smith teaches. The computer readable medium of claim 28, wherein the instructions further provide that a content of the third display device is automatically presented to another display device in the plurality of displays display devices (par.83-86).

As for claim 30, Radley-Smith teaches. The computer readable medium of claim [[28]] 18, wherein the instructions further provide that presenting the second content at a third display device includes retrieving a second URL and sending the second URL to the third display device (par.81-83; IPU sends display information across entire bracelet

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(multiple segments)).

As for claim 33, Radley-Smith teaches. The system of claim 1, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (par.77,81-82).

As for claim 34, Radley-Smith teaches. The method of claim 5, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (par.77,81-82).

As for claim 35, Radley-Smith teaches. The computer readable medium of claim 13, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (par.77,81-82).

As for claim 36, Radley-Smith teaches. The system of claim 31, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (par.77,81-82).

As for claim 37, Radley-Smith teaches. The system of claim 1, wherein the at least three display devices in visual proximity to each communicate through a server (fig.1-3;

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par.80).

As for claim 38, Radley-Smith teaches. The method of claim 5, wherein the at least three display devices in visual proximity to each communicate through a server (fig.1-3; par.80).

As for claim 39, Radley-Smith teaches. The system of claim 31, wherein the first display device, the second display device and the third display device each communicate through a server (fig.1-3; par.80).

As for claim 40, Radley-Smith teaches. The system of claim 1, wherein the at least three display devices in visual proximity to each communicate through a peer to peer service (fig.1-3; par.80).

As for claim 41, Radley-Smith teaches. The method of claim 5, wherein the at least three display devices in visual proximity to each communicate through a peer to peer service (fig.1-3; par.80).

As for claim 42, Radley-Smith teaches. The system of claim 31, wherein the first display device, the second display device and the third display device each communicate through a peer to peer service (fig.1-3; par.80).

(Note:) It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments with respect to claims 1-6,9-10,13-14,18,21,24,27-31 and 33-43 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056 and fax is 571-270-2056. The examiner can normally be reached on Monday - Friday: 9:30am- 5:00pm Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nicholas Augustine/
Examiner
Art Unit 2179
April 11, 2011